Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 867D Product Transfer and Resale Report (Demand)

Implementation Convention

NIST

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[1] At Boulder, CO 80303.
[2] Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

867 Product Transfer and Resale Report

Functional Group ID=**PT**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Notes:

1. Organizations use this transaction set to record demand for items that are obtained locally.

2. Use a single occurrence of this transaction set to transmit demand transactions to one or more activities. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. A single transaction set may contain a combination of demand transactions for standard and nonstandard material.

4. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and Accounting Classification Appendix which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
Not Used	078	PSA	Partner Share Accounting	O	10		
			LOOP ID - N1			5	
Must Use	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
			LOOP ID - PER			>1	
	130	PER	Administrative Communications Contact	O	1		
Not Used	135	REF	Reference Identification	O	>1		
			LOOP ID - LM			>1	
Must Use	140	LM	Code Source Information	O	1		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	150	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PTD			>1	
Must Use	010	PTD	Product Transfer and Resale Detail	M	1		
	020	DTM	Date/Time Reference	O	10		
Must Use	030	REF	Reference Identification	O	20		
Not Used	035	PRF	Purchase Order Reference	O	1		
Not Used	040	PER	Administrative Communications Contact	O	3		
Not Used	045	MAN	Marks and Numbers	O	1		
			LOOP ID - N1			5	
Must Use	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	2		
Not Used	070	N3	Address Information	O	2		
Not Used	080	N4	Geographic Location	O	1		
Not Used	090	REF	Reference Identification	O	20		
Not Used	100	PER	Administrative Communications Contact	O	3		
			LOOP ID - SII			>1	
Not Used	105	SII	Sales Item Information	O	1		
Not Used	107	N9	Reference Identification	O	1		
			LOOP ID - QTY			>1	
Must Use	110	QTY	Quantity	O	1		
	120	LIN	Item Identification	O	1		
Not Used	122	PO3	Additional Item Detail	O	25		
Not Used	125	PO4	Item Physical Details	O	1		
Not Used	130	UIT	Unit Detail	O	12		
	140	AMT	Monetary Amount	O	12		
Not Used	141	ITA	Allowance, Charge or Service	O	10		
	150	PID	Product/Item Description	O	200		
	160	MEA	Measurements	O	40		
Not Used	170	PWK	Paperwork	O	25		
Not Used	180	PKG	Marking, Packaging, Loading	O	25		
	190	REF	Reference Identification	O	>1		
Not Used	200	PER	Administrative Communications Contact	O	3		
	210	DTM	Date/Time Reference	O	10		
Not Used	220	CUR	Currency	O	1		
	230	AT	Financial Accounting	O	>1		
	240	DD	Demand Detail	O	1		
	250	LDT	Lead Time	O	1		
			LOOP ID - LM			>1	
	260	LM	Code Source Information	O	1		
	270	LQ	Industry Code	O	100		
			LOOP ID - LX			>1	
Not Used	280	LX	Assigned Number	O	1		n1
Not Used	290	REF	Reference Identification	O	>1		
Not Used	300	DTM	Date/Time Reference	O	1		

Not Used	310	N1	Name	O	1		
			LOOP ID - LM			>1	
Not Used	320	LM	Code Source Information	O	1		
Not Used	330	LQ	Industry Code	M	100		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Not Used	010	CTT	Transaction Totals	O	1		n2
Not Used	020	AMT	Monetary Amount	O	12		
Not Used	021	ITA	Allowance, Charge or Service	O	10		
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The LX loop conveys serial number, lot number, and inventory data.
2. The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			867 X12.33 Product Transfer and Resale Report	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BPT** Beginning Segment for Product Transfer and Resale			
Position:	020			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data			
Syntax Notes:	1	If either BPT05 or BPT06 is present, then the other is required.		
Semantic Notes:	1	BPT02 identifies the transfer/resale number.		
	2	BPT03 identifies the transfer/resale date.		
	3	BPT08 identifies the transfer/resale time.		
	4	BPT09 is used when it is necessary to reference a Previous Report Number.		
Comments:				

<div align="center">Data Element Summary</div>

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPT01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M ID 2/2

00	Original
77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions are not processed as action documents which affect accountable records.

	Ref. Des.	Data Element	Name	Attributes
Not Used	BPT02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
Must Use	BPT03	373	**Date** Date (YYMMDD)	M DT 6/6

Must use to identify the originator's date of the transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPT04	755	**Report Type Code** Code indicating the title or contents of a document, report or supporting item	O ID 2/2

TO	Demand Report

Use to indicate that the transaction set contains demand transactions for standard or nonstandard material.

	Ref. Des.	Data Element	Name	Attributes
Not Used	BPT05	648	**Price Multiplier Qualifier** Code indicating the type of price multiplier	X ID 3/3
Not Used	BPT06	649	**Multiplier** Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	BPT07	306	**Action Code** Code indicating type of action	O ID 1/2
	BPT08	337	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O TM 4/8

1. Express the originating activity's transaction set preparation time of in

UTC.

2. Express time in a four-position (HHMM) format.

| Not Used | BPT09 | 127 | Reference Identification | O | AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | BPT10 | 786 | Security Level Code | O | ID 2/2 |

Code indicating the level of confidentiality assigned by the sender to the information following

Segment:	**N1** Name
Position:	080
Loop:	N1 Optional (Must Use)
Level:	Heading
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 1/N1/080 loop to identify the organization originating the transaction set.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N101	98	**Entity Identifier Code**		M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Use only one of codes OB, QB, or SB.		
			OB	Ordered By	
				Use to identify the requisitioner.	
			QB	Purchase Service Provider	
				Entity from which medical supplies may be bought	
				Use to indicate a procurement contracting office or other purchasing activity.	
			SB	Storage Area	
				Use to identify the depot or storage activity.	
Not Used	N102	93	**Name**		X AN 1/35
			Free-form name		
Must Use	N103	66	**Identification Code Qualifier**		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			M4	Department of Defense Routing Identifier Code (RIC)	
				An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	**Identification Code**		X AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**		O ID 2/2
			Code describing entity relationship		
Must Use	N106	98	**Entity Identifier Code**		O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			FR	Message From	
				Must use with the appropriate 1/N101/080 code to indicate that the organization cited in N104 is originating the transaction set.	

Segment:	**PER** Administrative Communications Contact		
Position:	130		
Loop:	PER Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a person or office to whom administrative communications should be directed		
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.		
	2 If either PER05 or PER06 is present, then the other is required.		
	3 If either PER07 or PER08 is present, then the other is required.		
Semantic Notes:			
Comments:			
Notes:	*1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set. Do not use when reversing a transaction.*		
	2. Use multiple iterations of the 1/PER/130 loop to identify a point of contact (POC) and multiple communications numbers. When using multiple iterations to identify different communication numbers for a single POC, repeat the name cited in PER02.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
			IC Information Contact	
			Use to identify the primary point of contact and their communications numbers.	
Must Use	PER02	93	**Administrative Communications Contact.** Free-form name	O AN 1/35
			Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.	
Must Use	PER03	365	**Communication Number Qualifier**	X ID 2/2
			Code identifying the type of communication number	
			1. Use to identify the preferred method of communications in the first repetition. Use PER05/6 and PER07/8 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers.	
			2. Do not include blank spaces, dashes or parentheses between numbers.	
			AU Defense Switched Network	
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
			Use to identify the DSN telephone number.	
			EM Electronic Mail	
			FX Facsimile	
			Use to identify the facsimile (FAX) telephone number.	
			IT International Telephone	
			Include country and city code.	
			TE Telephone	
			Use to identify the commercial telephone number. Include the area code and number.	

			TL	Telex
			TX	TWX
Must Use	PER04	364	**Communication Number**	X AN 1/80

Complete communications number including country or area code when applicable

	PER05	365	**1. Use to identify an alternate, or secondary,**	X ID 2/2

communications number which can be used to contact the specified POC.

Code identifying the type of communication number

1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.

2. Do not include blank spaces, dashes or parentheses between numbers.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
	Use to identify the DSN telephone number.
EM	Electronic Mail
EX	Telephone Extension
	Use immediately following codes AU, IT, or TE to identify the telephone extension.
FX	Facsimile
	Use to identify the facsimile (FAX) telephone number.
IT	International Telephone
	Include country and city code.
TE	Telephone
	Use to identify the commercial telephone number. Include the area code and number.
TL	Telex
TX	TWX

	PER06	364	**Communication Number**	X AN 1/80

Complete communications number including country or area code when applicable

	PER07	365	**Communication Number Qualifier**	X ID 2/2

Code identifying the type of communication number

1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.

2. Do not include blank spaces, dashes, or parentheses between numbers.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
	Use to identify the DSN telephone number.
EM	Electronic Mail
EX	Telephone Extension
	Use immediately following codes AU, IT, or TE to identify the telephone extension.
FX	Facsimile
	Use to identify the facsimile (FAX) telephone number.
IT	International Telephone
	Include country and city code.

		TE	Telephone		

Use to identify the commercial telephone number. Include the area code and number.

		TL	Telex		
		TX	TWX		
PER08	**364**	**Communication Number**		**X**	**AN 1/80**

Complete communications number including country or area code when applicable

PER09	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Use as needed to indicate the office symbol or activity code for the identified party.

Segment:	**LM** Code Source Information			
Position:	140			
Loop:	LM Optional (Must Use)			
Level:	Heading			
Usage:	Optional (Must Use)			
Max Use:	1			
Purpose:	To transmit standard code list identification information			
Syntax Notes:				
Semantic Notes:				
Comments:	1 LM02 identifies the applicable industry code list source information.			
Notes:	*Must use the 1/LM/140 loop to identify the type of transaction.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	M ID 2/2
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	**LQ** Industry Code
Position:	150
Loop:	LM Optional (Must Use)
Level:	Heading
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list	O	ID 1/3
			0 Document Identification Code Codes that subclassify a transaction		
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X	AN 1/30

Segment:	**PTD** Product Transfer and Resale Detail	
Position:	010	
Loop:	PTD Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data	
Syntax Notes:	1 If either PTD02 or PTD03 is present, then the other is required.	
	2 If either PTD04 or PTD05 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use to indicate that the transaction is for demand reporting only.*	

<p align="center">Data Element Summary</p>

	Ref. Des.	Data Element	Name	Attributes
Must Use	PTD01	521	**Product Transfer Type Code** Code identifying the type of product transfer	M ID 2/2
			BB Demand Information Only	
			No physical transfer of material occurs; historical demand information is provided for record purposes only	
Not Used	PTD02	648	**Price Multiplier Qualifier** Code indicating the type of price multiplier	X ID 3/3
Not Used	PTD03	649	**Multiplier** Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	PTD04	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	PTD05	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	PTD06	486	**Product Transfer Movement Type Code** To indicate the type of product transfer movement	O ID 2/2

Segment:	**DTM** Date/Time Reference		
Position:	020		
Loop:	PTD	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.	
	2	If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			Use to identify the date of transaction preparation.		
			097 Transaction Creation		
			Use to identify the date the transaction was prepared.		
Must Use	DTM02	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	**Century**	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

		Segment:	**REF** Reference Identification

Segment: **REF** Reference Identification
Position: 030
Loop: PTD   Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 20
Purpose: To specify identifying information
Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Must use the 2/REF/030 segment to identify the material and other data pertinent to the transaction.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

Use only one of codes 1I, EQ, FQ, MF, NS, S6, WL or XD to properly identify the material provided. Must use National Stock Number (NSN) when known.

1I	Department of Defense Identification Code (DoDIC)	

Qualifies a code that uniquely identifies a type of explosive or ammunition
Use to identify ammunition items.

EQ   Equipment Number
Use to identify plant equipment.

FQ   Form Number
Use to identify the form stock number.

MF   Manufacturers Part Number
Use to identify the manufacturer's part number for nonstandard material originally requested.

NS   National Stock Number
Must use NSN when known.

S6   Stock Number
Use to identify the publication stock number.

TN   Transaction Reference Number
Must use to identify the transaction number of the associated transaction.

WL   Federal Supply Classification Code
Use to identify the Federal Supply Classification number of nonstandard material when a part number is not available and material can only be identified by description (e.g., non-NSN lumber products). Use REF03 to provide the appropriate description.

XD   Subsistence Identification Number
Item identifier is a brand-name resale subsistence item
Use to identify subsistence items.

	REF02	127	Reference Identification	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	REF03	352	Description	X AN 1/80

A free-form description to clarify the related data elements and their content
Use with REF01 code WL to provide a description of the material.

	REF04	C040	**Reference Identifier**		O

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Must Use	C04001	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

> W7   Commercial and Government Entity (CAGE) Code
>
> Code that identifies a commercial contractor authorized to do business with the U.S. Government
> *Use with REF01 code MF to uniquely identify the manufacturer's part number.*
>
> W8   Suffix
>
> Differentiates between partial actions taken on the original transaction
> *Use in conjunction with REF01 code TN to identify the transaction number suffix .*

Must Use	C04002	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04004	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04006	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**N1** Name
Position:	050
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Must use one iteration of this 2/N1/050 loop to identify the organization to receive the transaction.*
	2. Use additional iterations to identify other organizations associated with the transaction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

OB   Ordered By
Use to identify the requisitioner.

QB   Purchase Service Provider
Entity from which medical supplies may be bought
Use to indicate a procurement contracting office or other purchasing activity.

SB   Storage Area
Use to identify the depot or storage activity.

SU   Supplier/Manufacturer
Use to identify the supplier of the item when different from the manufacturer. The manufacturer is identified in 2/REF01/030 in conjunction with the manufacturer's part number.

Z4   Owning Inventory Control Point
An inventory control organization responsible for management of a particular item
Use to identify the inventory control organization.

ZE   End Item Manufacturer
Manufacturer of the end item associated with the required material

| | N102 | 93 | Name | X AN 1/35 |

Free-form name
Use with N101 code ZE to identify the manufacturer of the end item (Make). When using, N102 will cite the actual name of the end item manufacturer.

| | N103 | 66 | Identification Code Qualifier | X ID 1/2 |

Code designating the system/method of code structure used for Identification Code (67)
Do not use with code ZE.

1   D-U-N-S Number, Dun & Bradstreet

			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10	Department of Defense Activity Address Code (DODAAC)	
			33	Commercial and Government Entity (CAGE)	

Use when the activity is a contractor not assigned a DoDAAC.

			M4	Department of Defense Routing Identifier Code (RIC)	

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

	N104	67	**Identification Code**	X	**AN 2/20**

Code identifying a party or other code

Do not use with code ZE.

Not Used	**N105**	706	**Entity Relationship Code**	O	**ID 2/2**

Code describing entity relationship

	N106	98	**Entity Identifier Code**	O	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

	TO	Message To

Must use with 2/N101/050 code Z4 to indicate the organization cited in N104 is receiving the transaction.

Segment:	**QTY** Quantity	
Position:	110	
Loop:	QTY Optional (Must Use)	
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify quantity information	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*1. Must use the 2/QTY/110 loop to identify the quantity of material obtained locally and provide additional descriptive information about the material.*	
	2. Must use only one iteration of the 2/QTY/110 loop for each iteration of the 2/PTD/010 loop.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier** Code specifying the type of quantity	M ID 2/2
			To reverse all or part of a demand transaction, use a minus sign in front of the quantity being reversed.	
			YA Total Demand Quantity Sum total of all demands	
Must Use	QTY02	380	**Quantity** Numeric value of quantity	M R 1/15
	QTY03	C001	**Composite Unit of Measure**	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
			Use to identify the unit of issue. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.	
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in	O ID 2/2

			which a measurement has been taken		
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10

Segment:	**LIN** Item Identification
Position:	120
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	1 If either LIN04 or LIN05 is present, then the other is required.
	2 If either LIN06 or LIN07 is present, then the other is required.
	3 If either LIN08 or LIN09 is present, then the other is required.
	4 If either LIN10 or LIN11 is present, then the other is required.
	5 If either LIN12 or LIN13 is present, then the other is required.
	6 If either LIN14 or LIN15 is present, then the other is required.
	7 If either LIN16 or LIN17 is present, then the other is required.
	8 If either LIN18 or LIN19 is present, then the other is required.
	9 If either LIN20 or LIN21 is present, then the other is required.
	10 If either LIN22 or LIN23 is present, then the other is required.
	11 If either LIN24 or LIN25 is present, then the other is required.
	12 If either LIN26 or LIN27 is present, then the other is required.
	13 If either LIN28 or LIN29 is present, then the other is required.
	14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	1 See the Data Dictionary for a complete list of IDs.
	2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	*1. Use only to provide a detailed description of the nonstandard material, identified in 2/REF/030. Use with the 2/PID/150, 2/MEA/160, 2/REF/190, and 2/DTM/210 segments, and the 2/N1/050 loop to fully identify the material.*
	2. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any sequential order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	**Product/Service ID Qualifier**	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

      A3   Locally Assigned Control Number

                  Item identifier is a locally assigned control number used to catalog and manage material

                  Use to identify the locally assigned number under which the nonstandard material is managed.

      AB   Assembly

                  Use to identify the assembly associated with the material.

      CL   Color

      CN   Commodity Name

                  Use to identify the nomenclature of the nonstandard material.

      DR   Drawing Revision Number

EM	Equipment Identification Number
	Product identification number
	Use to identify the equipment identification code associated of the material.
F1	Catalog Number
	Item identifier specifies a manufacturer's catalog that applies to an item
	Use to identify the manufacturer's catalog which references the nonstandard material. Cite the effective catalog publication date, if applicable, in the 2/DTM/210 segment.
F2	Technical Order Number
	Item identifier specifies a technical order that applies to an item
F3	Technical Manual Number
	Item identifier specifies the technical manual listing the item
F4	Series Identifier
	An identification of equipments having the same basic design but not necessarily identical configurations (within the equipment model)
	Use to cite the manufacturer's series number of the nonstandard material.
F7	End-Item Description
	Item identifier describes an end-item associated with the use of the required material
	Use to identify the applicable end item which applies to nonstandard material. Description may include NSN or nomenclature.
GS	General Specification Number
	Use to indicate a specification number, other than a Military Specification (MILSPEC), associated with the nonstandard material.
MN	Model Number
	Use to identify the manufacturer's model number of the nonstandard material.
MS	Military Specification (MILSPEC) Number
PR	Process Number
	Use to identify a general operating specification which cannot be identified by use of the 2/MEA/160 segment. For example, the MEA use is primarily to identify physical sizes and dimensions of nonstandard material. Code PR's use is to indicate specifications similar to output rated wattage and horsepower.
PT	Print or Drawing
	Use to identify the applicable drawing numbers for the nonstandard material.
PW	Part Drawing
	Use to identify the applicable figure numbers for the nonstandard material.
SN	Serial Number
	Use to identify the manufacturer's serial number assigned to the material.
VS	Vendor's Supplemental Item Number
	Use to identify the piece number of the material.

			YP	Publication Number		

Use to identify publication or catalog reference numbers.

Must Use	LIN03	234	**Product/Service ID**	**M**	**AN 1/40**

Identifying number for a product or service

	LIN04	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN05	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN06	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN07	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN08	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN09	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN10	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN11	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN12	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN13	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN14	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN15	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN16	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN17	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN18	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN19	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN20	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	LIN21	234	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	LIN22	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in

		Product/Service ID (234)		
LIN23	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN24	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN25	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN26	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN27	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN28	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN29	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN30	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN31	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		

	Segment:	**AMT** Monetary Amount
	Position:	140
	Loop:	QTY Optional (Must Use)
	Level:	Detail
	Usage:	Optional
	Max Use:	12
	Purpose:	To indicate the total monetary amount
	Syntax Notes:	
	Semantic Notes:	
	Comments:	
	Notes:	*Use to identify the price or cost of material provided from a local source, other than inventory.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/2

Use only one of codes 29, L, or OP to identify the cost of the material.

29	Estimated Price	

The latest revised estimate of the total cost at complete for a contract
Use to identify the estimated unit cost when the material is manufactured or fabricated.

L	Local

Use to identify the unit purchase price.

OP	Original Payment Total

Use to identify the unit price originally paid for the material when it is replaced under warranty at no cost.

	Ref. Des.	Data Element	Name	Attributes
Must Use	AMT02	782	Monetary Amount Monetary amount	M R 1/15

Value must be expressed in U.S. currency, i.e., in dollars and cents with a decimal included.

Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

Segment:	**PID** Product/Item Description	
Position:	150	
Loop:	QTY	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	200	
Purpose:	To describe a product or process in coded or free-form format	
Syntax Notes:	1	If PID04 is present, then PID03 is required.
	2	At least one of PID04 or PID05 is required.
	3	If PID07 is present, then PID03 is required.
	4	If PID08 is present, then PID03 is required.
Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.
	2	PID04 should be used for industry-specific product description codes.
	3	PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4	PID09 is used to identify the language being used in PID05.
Comments:	1	If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3	PID07 specifies the individual code list of the agency specified in PID03.
Notes:	*Use to describe nonstandard material only when 2/LIN/120, 2/MEA/160, and 2/REF/190 do not provide adequate descriptive capability. Use multiple repetitions as needed to provide the narrative descriptive information. Do not use with reversals.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type** Code indicating the format of a description	M	ID 1/1
			F Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic	O	ID 2/3
Not Used	PID03	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	X	ID 2/2
Not Used	PID04	751	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic	X	AN 1/12
Must Use	PID05	352	**Description** A free-form description to clarify the related data elements and their content	X	AN 1/80
Not Used	PID06	752	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	PID07	822	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	O	AN 1/15
Not Used	PID08	1073	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	O	ID 1/1
Not Used	PID09	819	**Language Code** Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	ID 2/3

Segment:	**MEA** Measurements
Position:	160
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	40
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:	1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2 If MEA05 is present, then MEA04 is required.
	3 If MEA06 is present, then MEA04 is required.
	4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes:	*Use multiple repetitions to identify any measurement/dimensions related to nonstandard material only. Do not use with reversals.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	MEA01	737	**Measurement Reference ID Code**	O ID 2/2
			Code identifying the broad category to which a measurement applies	
Must Use	MEA02	738	**Measurement Qualifier**	O ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies	
			Use to identify the specific dimension/measurement quantified in MEA03 and MEA04.	

Code	Description
DI	Diameter
DN	Density
DP	Depth
FQ	Frequency
G	Gross Weight
GL	Gloss
HT	Height
ID	Inside Diameter
LN	Length
LPR	Line Pressure
	Fluid pressure of the production line between the well and the separator unit or gathering line
MD	Measurement Voltage
	The reference voltage level on AC waveforms for determining AC performance
OD	Outside Diameter
PB	Pressure
TF	Tensile
TH	Thickness
UCB	Cube
	The external cubic dimensions of a specified product
VO	Voltage
VOL	Volume

			WD	Width			
			WT	Weight			
Must Use	MEA03	739	Measurement Value		X	R	1/20

The value of the measurement

Must Use	MEA04	C001	Composite Unit of Measure	X

To identify a composite unit of measure (See Figures Appendix for examples of use)

Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Use to identify the value of the units expressed in MEA03. For example, if the height of the material was six feet, cite 6 in MEA03 and FT in MEA04.

2G	Volts (Alternating Current)
	Measure of electrical potential
2H	Volts (Direct Current)
	Measure of electrical potential
2I	British Thermal Units (BTUs) Per Hour
	British thermal units per hour
2N	Decibels
	A unit for expressing the relative intensity of sounds on a scale of 0 for the least perceptible sound to about 130 for the average pain level
70	Volt
82	Ohm
	Unit of resistance
AD	Bytes
	Number of bytes of data transmitted
AZ	British Thermal Units (BTUs) per Pound
B0	British Thermal Units (BTUs) per Cubic Foot
B7	Cycles
CI	Cubic Inches
CM	Centimeter
CR	Cubic Meter
CY	Cubic Yard
FT	Foot
GA	Gallon
HJ	Horsepower
IN	Inch
LB	Pound
LT	Liter
MR	Meter
OZ	Ounce - Av
P1	Percent
P2	Pounds per Foot
PT	Pint
QT	Quart
R4	Calorie
	The amount of heat it takes to raise the temperature of one gram of water one degree Centigrade at a pressure of one atmosphere
SF	Square Foot

			SM	Square Meter	
			SY	Square Yard	
			TG	Gross Ton	
			TN	Net Ton (2,000 LB).	
			VT	Voltage	
			WT	Wattage	
			YD	Yard	

Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	MEA05	740	**Range Minimum** The value specifying the minimum of the measurement range	X	R 1/20
Not Used	MEA06	741	**Range Maximum** The value specifying the maximum of the measurement range	X	R 1/20
Not Used	MEA07	935	**Measurement Significance Code** Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	**Measurement Attribute Code** Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	**Measurement Method or Device** The method or device used to record the measurement	O	ID 2/4

Segment:	**REF** Reference Identification	
Position:	190	
Loop:	QTY	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	*Use multiple repetitions as needed to fully describe the material. Do not use with reversals.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3

<table>
<tr><td></td><td></td><td></td><td>BB</td><td>Authorization Number</td></tr>
<tr><td></td><td></td><td></td><td></td><td>Proves that permission was obtained to provide a service</td></tr>
<tr><td></td><td></td><td></td><td></td><td>Use to identify an allowance list or authorization document that justifies the need for the material.</td></tr>
<tr><td></td><td></td><td></td><td>QP</td><td>Substitute Part Number</td></tr>
<tr><td></td><td></td><td></td><td></td><td>Use to identify the manufacturer's part number of the nonstandard material actually locally obtained. Use only if different than the part number identified in 2/REF/030.</td></tr>
</table>

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	**Description** A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3

<table>
<tr><td></td><td></td><td></td><td>W7</td><td>Commercial and Government Entity (CAGE) Code</td></tr>
<tr><td></td><td></td><td></td><td></td><td>Code that identifies a commercial contractor authorized to do business with the U.S. Government</td></tr>
</table>

	Ref. Des.	Data Element	Name	Attributes
Must Use	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as	X AN 1/30

specified by the Reference Identification Qualifier

Segment:	**DTM** Date/Time Reference	
Position:	210	
Loop:	QTY	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM06 is required.
	2	If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:		
Comments:		
Notes:	*Use multiple repetitions as needed to identify the dates associated with the demand requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			035	Delivered	
				Use to identify the date that material was obtained or delivered.	
			043	Publication	
				Use for nonstandard material to identify the manufacturer's catalog publication date when a catalog is identified in 2/LIN/120.	
			102	Issue	
				Use for nonstandard material to identify the effective date of the drawing number (when only using code PT) or the drawing revision number (when using code DR with code PT) identified in the 2/LIN/120 segment.	
			512	Warranty Expiration	
				Use to identify the warranty expiration date when material requirement is satisfied by warranty replacement.	
Must Use	DTM02	373	**Date**		X DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	**Century**		O N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	**Date Time Period Format Qualifier**		X ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	**Date Time Period**		X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	AT Financial Accounting
Position:	230
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To transmit financial accounting data
Syntax Notes:	1 If AT10 is present, then AT01 is required.
Semantic Notes:	
Comments:	1 AT09 identifies unique local activity financial accounting information.
Notes:	*1. Use multiple repetitions to identify the fund purpose code, appropriatious, and fund code for goods, services, and related adjustmeuts.*
	2. DLMS users see the Accounting Classification Appendix for AT02, AT07 aud AT09.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AT01	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
			Use any code except "CR" or "DR".	
	AT02	1282	Treasury Symbol Number	O AN 7/21
			Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure	
			Use to identify the basic appropriation uumber.	
	AT03	1283	Budget Activity Number	O AN 1/16
			Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	
			Use to identify the fund code.	
Not Used	AT04	1284	Object Class Number	O AN 3/12
			Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	
Not Used	AT05	1285	Reimbursable Source Number	O AN 1/3
			Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	
Not Used	AT06	1286	Transaction Reference Number	O AN 4/20
			Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	
	AT07	1287	Accountable Station Number	O AN 3/8
			Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure	
			Use AT07 to ideutify the Authorized Accounting Activity (AAA)/Accounting Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).	
Not Used	AT08	1288	Paying Station Number	O AN 8/14
			Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	
	AT09	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
			Cite supplemental accounting classification data.	
Must Use	AT10	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	

FP   Fund Purpose

Segment:	**DD** Demand Detail	
Position:	240	
Loop:	QTY	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To describe the type of demand and the intended use of material	
Syntax Notes:	1	If DD02 is present, then DD01 is required.
	2	If any of DD03 DD04 or DD05 is present, then all are required.
	3	If DD06 is present, then DD05 is required.
	4	If DD10 is present, then DD09 is required.
Semantic Notes:	1	DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.
Comments:		
Notes:	*Use to identify the weapon system to which the material applies. Do not use with reversals.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DD01	1271	Industry Code	X	AN 1/30
			Code indicating a code from a specific industry code list		
Must Use	DD02	1270	Code List Qualifier Code	O	ID 1/3
			Code identifying a specific industry code list		
			74 Demand Code		
			Identifies whether or not a material demand is recurring		
	DD03	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
			W2 Weapon System Number		
			Identifies a weapon system		
			Use to identify the applicable weapon system designator code.		
	DD04	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	DD05	1271	Industry Code	X	AN 1/30
			Code indicating a code from a specific industry code list		
			Use to identify the Service associated with the weapon system for which this demand is reported.		
	DD06	1270	Code List Qualifier Code	O	ID 1/3
			Code identifying a specific industry code list		
			71 Service and Agency Code		
			Military services, defense agencies, and certain civilian agencies of the United States Government		
			Use to identify the Service/Agency code associated with the stratified demand data.		
	DD07	380	Quantity	O	R 1/15
			Numeric value of quantity		
			Use only to identify the quantity associated with the weapon system. Express as a whole number with no decimal.		
	DD08	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response		
			N No		

			Y	Yes		
Not Used	DD09	1271	**Industry Code** Code indicating a code from a specific industry code list		X	AN 1/30
Not Used	DD10	1270	**Code List Qualifier Code** Code identifying a specific industry code list		O	ID 1/3

Segment:	**LDT** Lead Time
Position:	250
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify lead time for availability of products and services
Syntax Notes:	
Semantic Notes:	1 LDT04 is the effective date of lead time information.
Comments:	1 LDT02 is the quantity of unit of time periods.
Notes:	*Use to identify procurement lead times for the item of supply.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	**M ID 2/2**
			Code indicating the time range	
			AF From date of PO receipt to delivery	
			Use to indicate the procurement lead time defined as the interval between the initiation of the procurement action and receipt into the supply system.	
Must Use	LDT02	380	Quantity	**M R 1/15**
			Numeric value of quantity	
			Use to identify the numeric value of procurement lead time days. Express as a whole number with no decimal.	
Must Use	LDT03	344	Unit of Time Period or Interval	**M ID 2/2**
			Code indicating the time period or interval	
			DY Day	
Not Used	LDT04	373	Date	**O DT 6/6**
			Date (YYMMDD)	

Segment:	**LM** Code Source Information	
Position:	260	
Loop:	LM Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	1 LM02 identifies the applicable industry code list source information.	
Notes:	*Use this 2/LM/260 loop to identify information maintained in department or agency documentation.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code** Code identifying the agency assigning the code values	M ID 2/2
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	**LQ** Industry Code	
Position:	270	
Loop:	LM Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3

Code identifying a specific industry code list

74   Demand Code

Identifies whether or not a material demand is recurring

78   Project Code

Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes

Use to identify special programs, exercises, projects, operations, and other purposes.

79   Priority Designator Code

The priority of a transaction

Recommend using in all demand transactions.

80   Advice Code

Instructions to transaction recipients when narratives cannot be transmitted

84   Management Code

Supplemental information not covered by the transaction coding structure

A9   Supplementary Address

Identifies the originating organization's unique logistics information

AK   Distribution Code

Code identifying activities eligible to receive additional status

DE   Signal Code

DF   Media and Status Code

EN   Local Source Code

Defines the method or source for satisfying the material requirement at the local level

Use to identify the method/source for satisfying material requirement at the local level.

Must Use	LQ02	1271	Industry Code	X AN 1/30

Code indicating a code from a specific industry code list

Segment:		SE **Transaction Set Trailer**		
Position:		030		
Loop:				
Level:		Summary		
Usage:		Mandatory		
Max Use:		1		
Purpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:				
Semantic Notes:				
Comments:		1 SE is the last segment of each transaction set.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	

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